

**Notice of Allowability**

Application No.

09/822,457

Examiner

Jason E. Mattis

Applicant(s)

CHOI, SUNGHYUN

Art Unit

2665

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 5/6/05.
2. ☒ The allowed claim(s) is/are 1-21.
3. ☒ The drawings filed on 06 May 2005 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 7/18/05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### **DETAILED ACTION**

1. This Office Action is in response to the Amendment filed on 5/6/05. Claims 1-22 are currently pending in the application.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Russell Gross on 7/18/05.

The application has been amended as follows:

#### **IN THE CLAIMS:**

Claim 22 has been cancelled.

In claim 1 line 9, the word "a" has been deleted. Also, in claim 1 line 9, an "s" has been added at the end of the first occurrence of the word "station". Further, in claim 1 line 9, the term "and a receiving station" has been deleted and the term "that will be

Art Unit: 2665

transmitting to each other” has been added in its place such that claim 1 line 9 now reads as:

“pairs of transmitting stations **that will be transmitting to each other**,  
wherein said pairs”

In claim 2 line 2, the phrase “with the transmission occurring” has been added after the word “stations” such that claim 2 line 2 now reads as:

“said concurrent transmission of information packets between said pairs of  
station **with the transmission occurring**”

In claim 7 line 10, the phrase “that will be transmitting to each other” has been added after the word “stations” and before the “,” such that claim 7 line 10 now reads as:

“message by each said station; (d) determining at least one pair of  
stations **that will be transmitting to each other**, wherein said”

In claim 7 line 13, the phrase “with the transmission occurring” has been added after the word “stations” and before the word “without” such that claim 7 line 13 now reads as:

“packets between said pairs of stations **with the transmission occurring**  
without the intervention of said access point.”

Art Unit: 2665

In claim 15 line 8, the phrase "can be" has been deleted and the word "is" has been added in its place such that line 8 of claim 15 now reads as:

"hidden from each other by said access point, **is** exchanged concurrently without the"

In claim 15 line 9 the phrase ", further comprising a means for selecting said optimal pairs based upon determination that a handoff from one network to another network has not occurred within a predetermined time" has been added after the word "point" and before the "." Such that claim 15 line 9 now reads as:

"benefit of said access point, **further comprising a means for selecting said optimal pairs based upon determination that a handoff from one network to another network has not occurred within a predetermined time.**"

### ***Allowable Subject Matter***

3. Claims 1-21 are allowed.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason E. Mattis whose telephone number is (571) 272-3154. The examiner can normally be reached on M-F 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on (571) 272-3155. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jason E Mattis  
Examiner  
Art Unit 2665

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A handwritten signature in black ink, appearing to read 'Huy D. Vu', with a long horizontal stroke extending to the right.

**HUY D. VU**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**